

PROJECT DESCRIPTION

I. GENERAL

This portion of the project involves the modification of the existing Traffic Signal at the intersection of US 1 and Gallatin in Prince George's County. The signal shall be interconnected to Hamilton Street / US 1 Alt to the north and to Farragut to the south.

II. INTERSECTION OPERATION

1. The intersection shall continue to operate in a NEMA three-phase, pre-timed mode, with the US 1 approaches running concurrently. The existing pedestrian phase with pushbutton actuation across the north legs of US 1 shall remain in operation. The Gallatin Street approach shall continue to run in its own phase.
2. The existing full-traffic-actuated, eight-phase controller with all necessary equipment housed in a NEMA size "5" pole-mounted cabinet shall remain in operation at this intersection.

III. SPECIAL NOTES

1. The Contractor shall be responsible for terminating all signal cables, excluding interconnect, to the appropriate terminals and shall properly label each cable.
2. All controller cabinet wiring will be performed by the S.H.A. Signal Shop. Contact Mr. Ed Rodenhizer at (410) 787-7650 seventy-two hours in advance of intended work.
3. All underground and overhead utilities shown on these plans are schematic only and may not be complete. The Contractor shall be responsible for notifying Miss Utility prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal will occur, the Contractor shall notify the Project Engineer immediately so that the conflict may be resolved.

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY S.H.A..

ITEM NO.	DESCRIPTION	QUANTITY
THERE IS NO EQUIPMENT TO BE SUPPLIED BY THE SHA.		

B. EQUIPMENT TO BE SUPPLIED BY S.H.A..

ITEM NO.	DESCRIPTION	QUANTITY
8027	Detectable warning system (truncated domes).	24 SF
8034	Furnish and install 3" electrical conduit - galvanized riser.	35 L.F.
8035	Furnish and install 3" weatherhead.	1 EA
8040	Furnish and install 3" schedule 80 rigid polyvinyl chloride - trenched.	10 L.F.

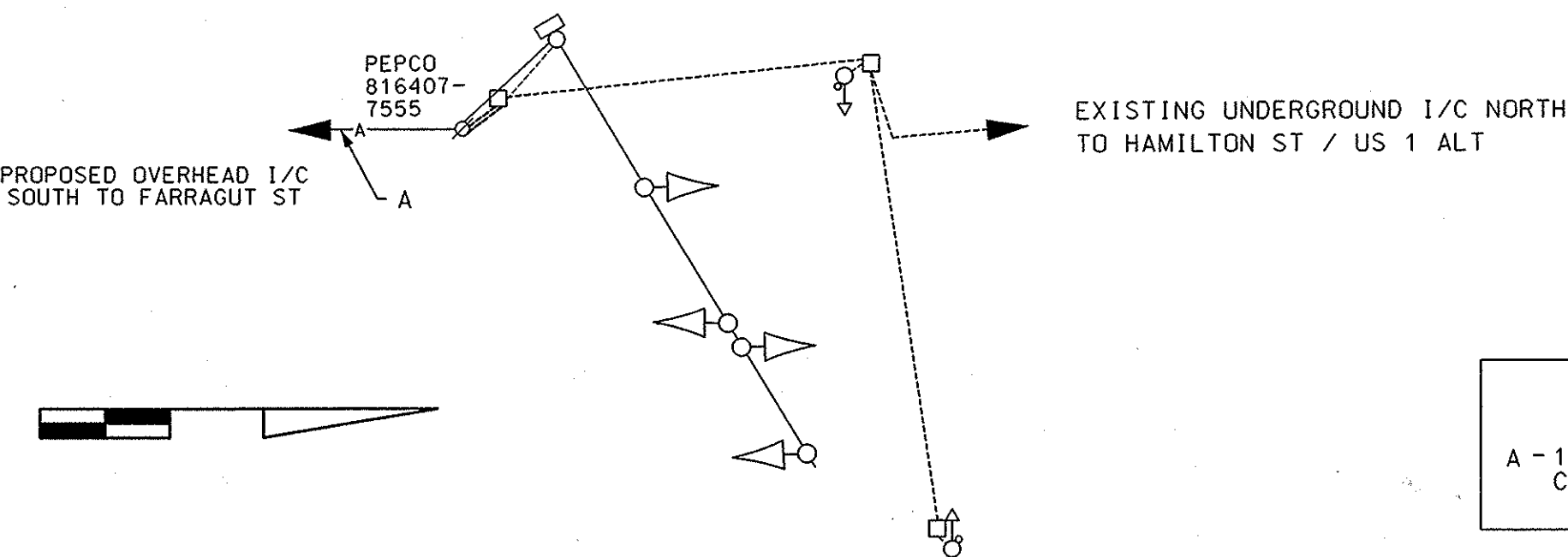
C. EQUIPMENT TO BE REMOVED

THERE IS NO EQUIPMENT TO BE REMOVED.

PHASE CHART

NO CHANGE TO THE PHASING CHART

WIRING DIAGRAM



The contact persons for District #3 (Prince George's County) are as follows:

Mr. Majid Shakib  
Assistant District Engineer - Traffic  
Phone: (301) 513-7358

Mr. Wayne Mowdy  
Assistant District Engineer - Maintenance  
Phone: (301) 513-7304

Mr. Augie Rebish  
Assistant District Engineer - Utility  
Phone: (301) 513-7350

Mr. Richard L. Doff, Sr.  
Chief, Traffic Operations Division  
Phone: (410) 787-7630

Mr. Ed Rodenhizer  
Signal Shop  
410-787-7652

Mr. Sonny Bailey  
Sign Shop  
410-787-7670

The power company representative is:

Mr. Richard Chilcoat  
PEPCO  
8300 Old Marlboro Pike  
Upper Marlboro, MD 20772



STREET TRAFFIC STUDIES, LTD.  
400 Crain Hwy., N.W.  
Glen Burnie, MD 21061  
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<b>MARYLAND DOT - STATE HIGHWAY ADMINISTRATION</b> <i>Office of Traffic &amp; Safety</i> <b>TRAFFIC ENGINEERING DESIGN DIVISION</b>			
<b>US 1 AND GALLITIN STREET</b>			
DRAWN BY: RC	F.A.P. NO. AT5665185	TS NO. 579E	SHEET NO. 2 OF 2
CHECKED BY: NONE	S.H.A. NO. AT5665185	T.I.M.S. NO. 6633	
SCALE: NONE	COUNTY: PRINCE GEORGE'S	LOG MILE: 16000101.77	
DATE: 2/15/05			